

REMARKS

By this Amendment, claims 1, 3-7, 9, 10, 12, 14 and 15 are amended without narrowing their scope. Reconsideration of the Official Action is respectfully requested.

Claims 1-15 stand rejected under 35 U.S.C. §112, second paragraph, for reasons stated at page 2 of the Office Action.

Claims 1, 3-7, 9, 10, 12, 14 and 15 have been amended to delete recited reference numerals.

Regarding claim 1, the Office Action asserts that the recitation of "designing the cyclone system" is indefinite. Claim 1 has been amended to recite that "lime-rich fly ash obtained from calcination of limestone from the pulverized part of the cement raw mix escaping the cyclone system" to address this assertion. Support for this amendment is provided in the description at page 9, first paragraph, of the specification, which explains that fly ash escaping the cyclone consists predominantly of lime.

In claim 10, the recitation of "CFB" has been changed to "circulating fluidized bed," as suggested in the Office Action. Also in claim 10, the meaning of the recitation "in order to match pressure conditions" can be readily understood in light of the description at page 9, last paragraph, of the specification. The specification explains that gases leaving the cyclone 53 are mixed with gases leaving the CFB cyclone 8, and gases exhausted from the kiln 16 are added to gases leaving the CFB cyclone 8, where pressure levels are compatible. It is respectfully submitted that one skilled in the art would understand the meaning of claim 10 in light of this description.

The term "sensible heat" recited in claim 11 means the heat energy stored in a substance as a result of an increase in its temperature.

In claim 12, the formula "CaSO₄" has been deleted.

Withdrawal of the rejection is respectfully requested.

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Therefore, the application is believed to be in condition for allowance. Should the Examiner have any questions regarding this matter, the Examiner is invited to contact Applicants' undersigned representative at the below-listed telephone number.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By: 

Edward A. Brown
Registration No. 35,033

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

VA 47029.1

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